



TAIKUN



**THE PROBLEM:**


**MONITORING SYSTEMS  
ONLY TELL YOU WHAT'S  
WRONG — THEY DON'T  
SOLVE ANYTHING**

**THE SOLUTION:**

**AI AGENTS THAT SOLVE,  
NOT JUST OBSERVE;  
OPERATE ACROSS 10'S OR  
1000'S OF SITES 24 x 7**



# TURN ALERTS TO ACTION: OUR VIRTUAL ENGINEERS RESOLVE ISSUES FOR YOU



SCADA Alarms

**AI Repairs**

Maintenance Logs

Intelligent Ops

Reports

Setting

Help

Alerts

Search alert history


AI Assistant

Version 1.0

+ New Chat

10/13, 19:53


Jack Joe



troubleshoot High yaw motor current on 1/13/2019

Maxwell

10/13, 19:55



SCADA Alarm Report

Summary

- Alarm: High yaw motor current
- Date: 1/13/2019
- Description: The alarm indicates that the yaw motor is drawing significantly higher current than normal, which could lead to mechanical stress and potential damage if not addressed promptly.

Hypotheses Tested

1. Weather Conditions

- SQL Results: Significant higher average motor currents across all axes compared to historical data.
- Conclusion: Supported; adverse weather likely increased load on the yaw motor.

2. System Self-Test

- SQL Results: Significant increase in average motor currents, indicating abnormal operation.
- Conclusion: Not supported; while self-test could contribute, the current levels suggest a more serious underlying issue.


3. Manual Shutdown

- SQL Results: High current readings suggest abnormal conditions linked to manual shutdown.
- Conclusion: Not supported; shutdown likely a symptom rather than the root cause.

4. Overload Condition

- SQL Results: Significant increase in average motor currents indicates higher load.
- Conclusion: Supported; likely due to mechanical binding or resistance.

Chat Here...



Generate Now

Alarm:

High yaw motor current indicating potential mechanical stress and damage.

Root Cause:

Faulty motor controller affecting current regulation.

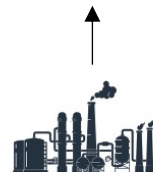
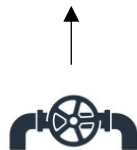
Recommend Fix:

Inspect motor controller and implement routine maintenance to monitor performance.

Action Taken

Enter action taken...

Close Issue



Existing infrastructure, SCADA systems, and structured data

The background of the slide features a series of black silhouettes of oil pumpjacks (jackals) against a dark, cloudy sky. The pumpjacks are arranged in a line, receding into the distance from right to left. The text is overlaid on this background.

**IN OUR FIRST YEAR, SECURED  
PILOTS WITH COMPANIES OF ALL SIZES;**

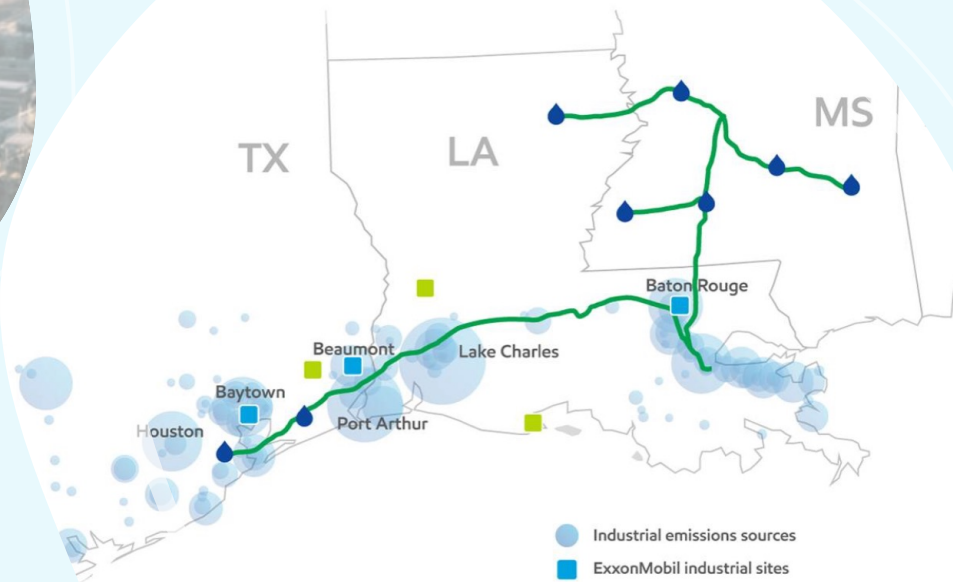
**ALL NEED TO STREAMLINE  
OPERATIONS VIA AI**

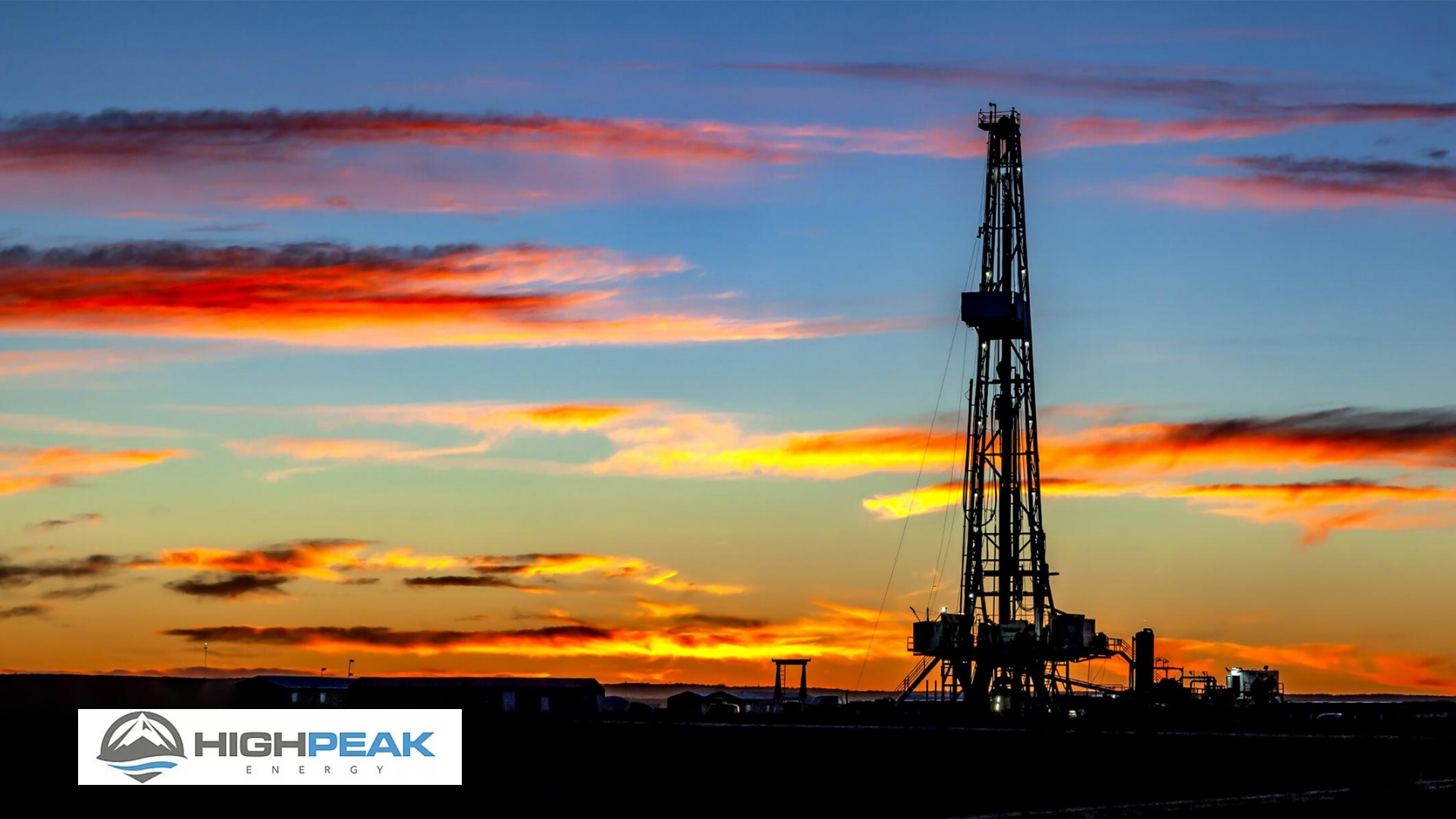


**TAIKUN**



# CO<sub>2</sub> CAPTURE AND STORAGE AUTOMATION





**HIGHPEAK**  
ENERGY



# AUTOMATED REPORTING AND TROUBLESHOOTING

Dec. 18, 2024

Well 1 20 barrels produced

Well 2 10 barrels produced

- I see a broken valve, needs to be fixed

Well 3 No barrels produced!



9:41

TAIKUN

**Taikun-1**

Lease	Well ID	Location
Smith Lease	12345	29.7604° N, 95.3698° W

Capture Dictate Add Data

View Last Production

Home Wells Reports Settings



TYPE OR PRINT USING DARK INK  
**\*READ INSTRUCTIONS\***

**MONTHLY PRODUCTION REPORT**

Form PR 02/2021

RAILROAD COMMISSION OF TEXAS  
Oil and Gas Division  
1701 N. Congress  
P.O. Box 12967 - Capital Station  
Austin, Texas 78711-2967  
<http://rrc.texas.gov>

West Texas Operating Company LLC  
Operator Name  
2405 W Wall Street  
Operator Address  
Midland TX 79701  
City State Zip

1 2 3 4 5 6  
0 8  
0 7 2 0 2 4  
Production Month/Year

Fill here if  
Corrected Report

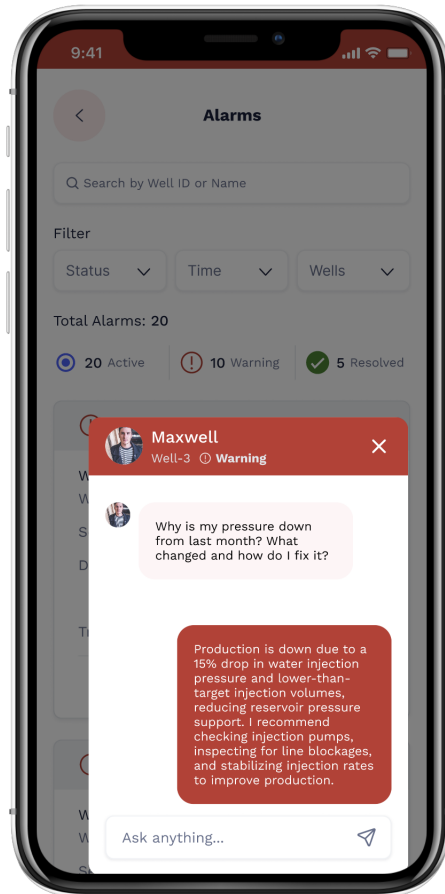
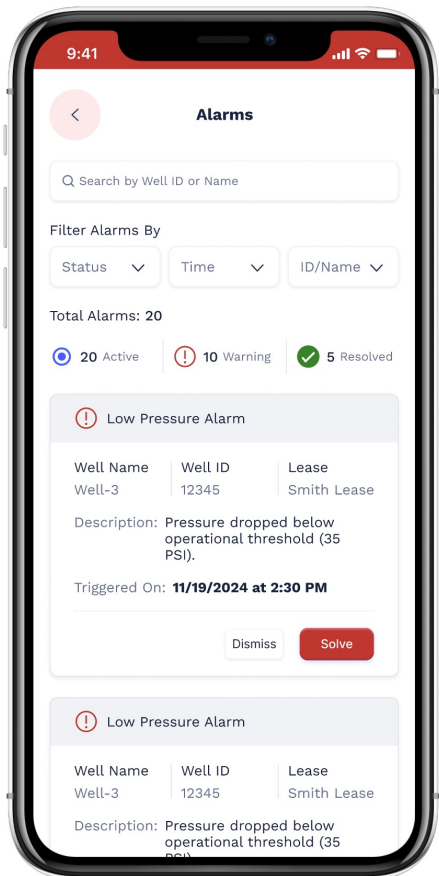
**EXACTLY AS SHOWN ON RRC RECORDS**  
(If multiple Volumes/Codes exist, put them on next line)

Field Name (list alphabetically) Lease Name (for gas, provide well #)	C/G/P (Oil/Gas/ Pending)	RRC Identifier (Lease/Gas ID/ Drill Permit/APIS)	Commencing Permit # or LSE Total(T)	On hand, beginning of month	Production	Disposition Volume Code	On hand, end of month	Formation Production	CASINGHEAD GAS/GAS WELL GAS (MCF) - Total for Month	Disposition Volume Code
1 West Spring B	2 O	3 297391-A	4	5	62	7 8 9	10	8	11	12
DO NOT WRITE IN THIS AREA										
DO NOT WRITE IN THIS AREA										
DO NOT WRITE IN THIS AREA										
DO NOT WRITE IN THIS AREA										
DO NOT WRITE IN THIS AREA										
DO NOT WRITE IN THIS AREA										

**REMARKS** - Attach sheet if more space is needed

Print Name 432-555-0123 Signature 07/08/2024  
Title X Phone ( ) John Smith Date 07/08/2024  
I certify that I am authorized to make this report, that it was prepared by me or under my supervision and direction, and that the information stated herein is true, correct and complete to the best of my knowledge.

# AUTOMATED REPORTING AND TROUBLESHOOTING



**MONITORING ISN'T  
ENOUGH;**

**AI AGENTS REDUCE  
DOWNTIME,  
CUT LABOR COSTS**





**TAIKUN**

**THANK YOU!**